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(71) Applicant (for all designated States except US): MAT-  
SUSHITA ELECTRIC WORKS, LTD. [JP/JP]; 1048,  
Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KAMBARA,  
Yasushi [JP/JP]; c/o 1048, Oaza-Kadoma, Kadoma-shi,  
Osaka 5718686 (JP). MOTOYAMA, Akira [JP/JP]; c/o  
1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686  
(JP). NAKAJIMA, Masayuki [JP/JP]; c/o 1048,  
Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

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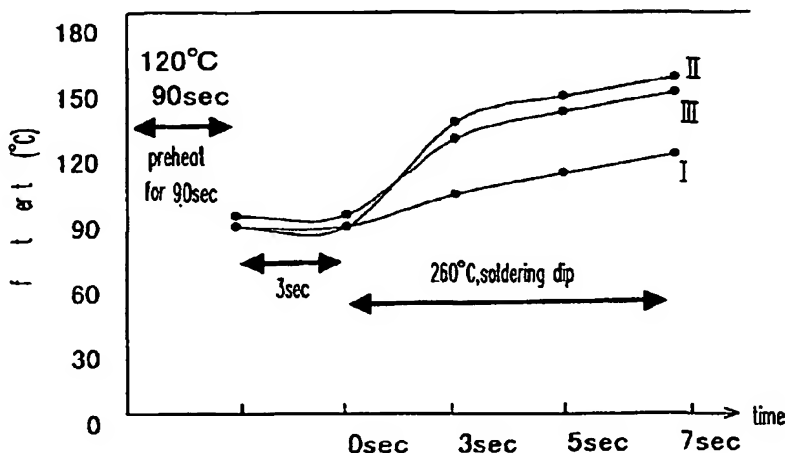
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(54) Title: LIGHTING DEVICE OF DISCHARGE LAMP, ILLUMINATION APPARATUS AND ILLUMINATION SYSTEM



(57) Abstract: A lighting device for a lamp device is provided. The lighting device includes a circuit board and film capacitors packaged on the circuit board by using leadless flow solders. Each film capacitor comprises polypropylene films and lead wires, and a material of the lead wires has a thermal conductivity lower than a thermal conductivity of copper, and terminals and internal materials of the film capacitors are leadless. A diameter of the lead wires is 0.6- (mm) or less, a cross-sectional area is 35mm<sup>2</sup> or less, and a temperature at a terminal end of the lead wires in the film capacitors during a soldering process is 130°C or less.

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